

Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

PROCEEDINGS

OF THE

Academy of Natural Sciences

OF

PHILADELPHIA

VOLUME LX

1908

PHILADELPHIA:
THE ACADEMY OF NATURAL SCIENCES
LOGAN SQUARE
1908-1909

THE ACADEMY OF NATURAL SCIENCES OF PHILADELPHIA.

MARCH 3, 1909.

I hereby certify that printed copies of the Proceedings for 1908 have been mailed as follows:—

Pages	1–32	mailed	April	21, 1908.
6.	33-64	"	June	9, 1908.
"	65-112, 129-144	"	July	24, 1908.
"	113-128, 145-156	"	July	27, 1908.
"	157-364	"	October	8, 1908.
"	365-412	"	October	14, 1908.
"	413-444	. 6	October	31, 1908.
"	445-492	"	January	4, 1909.
	493-508	"	January	7, 1909.
"	509-540	"	January	28, 1909.
"	541-588	"	February	2, 1909.
"	589 -624	"	March	3, 1909.

EDWARD J. NOLAN, M.D.,

Recording Secretary.

PUBLICATION COMMITTEE:

HENRY SKINNER, M.D., HENRY A. PILSBRY, Sc.D., WITMER STONE, WILLIAM J. FOX,

EDWARD J. NOLAN, M.D.

The President, SAMUEL G. DIXON, M.D., ex-officio. EDITOR: EDWARD J. NOLAN, M.D.

CONTENTS.

$For \ Announcements, \ Reports, \ etc., \ see \ General \ Index.$

BOYER, CHARLES S. A new species of Cymatopleura (Plate	
XXVIII),	Ę
Brown, Arthur Erwin, Sc.D. Generic types of Nearctic Rep-	
tilia and Amphibia,	1
CALVERT, PHILIP P., PH.D. The composition and ecological	
relations of the Odonate Fauna of Mexico and Central	
America (Plate XXVI),	4
CHAMBERLIN, RALPH V. Animal names and anatomical terms of	
the Goshute Indians,	
Revision of North American Spiders of the Family Lycosidæ	
(Plates VIII–XXIII),	
COLTON, HAROLD SELLERS. How Fulgur and Sycotypus eat	
Oysters, Mussels and Clams (Plates I–V),	
Some effects of environment on the growth of Limnæa colu-	
mella Say,	4
Fowler, Henry W. Notes on Sharks,	
A synopsis of the Cyprinidæ of Pennsylvania (Plate XXVII),	į
HARSHBERGER, JOHN W., PH.D. The directive influence of Light	,
on the growth of Forest Plants (Plates XXIV, XXV),	4
Ishikawa, Chiyomatsu, Ph.D. Description of a new species of	
Squaloid Shark from Japan,	
Montgomery, Thomas H., Jr., Ph.D. Remarks on Prof.	
Chamberlin's revision of North American Lycosidæ, .	į
Moore, J. Percy. Some Polychætous Annelids of the Northern	٠
Pacific Coast of North America,	:
PILSBRY, HENRY A., Sc.D. Notes on Succinea ovalis Say and	•
S. obliqua Say (Plate VII),	
On the classification of Scalpelliform Barnacles,	
iii	

iv Contents.

A comparison of the Land-Snail Fauna of Korea with the		
Faunas of Japan and China,	452	
On the teeth of Hawaiian species of Helices,	56 0	
Clausiliidæ of the Japanese Empire, XII (Plates XXX,		
XXXI, XXXII),	561	
PILSBRY, HENRY A., Sc.D., and Y. HIRASE. New Land and		
Fresh-water Mollusca of the Japanese Empire,	31	
New Land Shells of the Chinese Empire—I,	37	
New Land Mollusca of the Japanese Empire,	5 86	
PILSBRY, HENRY A., and E. G. VANATTA. Notes on Polinices		
didyma, with description of a new Australian species		
(Plate XXIX),	555	
REHN, JAMES A. G. Acrididæ (Orthoptera) from São Paulo,		
Brazil, with descriptions of one new genus and three		
new species,	12	
REHN, JAMES A. G., and MORGAN HEBARD. An Orthoptero-		
logical Reconnoissance of the Southwestern United		
States. Part I: Arizona,	365	
SNYDER, JOHN OTTERBEIN. Description of Trachypterus selen-		
iris, a new species of Ribbon-Fish from Monterey Bay,		
California,	319	
STONE, WITMER. Methods of recording and utilizing Bird-		
Migration Data,	128	
Recent additions to our knowledge of the Flora of Southern		
New Jersey,	457	
A review of the Genus Piaya Lesson,	492	
True, Frederick W. Remarks on the fossil Cetacean Rhab-		
dosteus latiradax Cope (Plate VI),	24	
Wellman, F. Creighton, M.D. On the Meloidæ of Angola,		
WELLMAN, F. CREIGHTON, M.D., and WALTHER HORN, M.D. On		
the Cicindelinæ of Angola,	505	
Young, Robert T. Notes on the distribution of Colorado		
Mammals, with description of a new species of Bat		
(Eptesicus pallidus) from Boulder	403	